

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 13478-00002-US
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/552013
INTERNATIONAL APPLICATION NO. PCT/EP2004/003224	INTERNATIONAL FILING DATE 26 March 2004	PRIORITY DATE CLAIMED 31 March 2003
TITLE OF INVENTION: NOVEL PLANT ACYLTRANSFERASES SPECIFIC FOR LONG-CHAINED, MULTIPLY UNSATURATED FATTY ACIDS		
APPLICANT(S) FOR DO/EO/US: Andreas Renz et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) 10/552013		INTERNATIONAL APPLICATION NO. PCT/EP2004/003224		ATTORNEY'S DOCKET NUMBER 13478-00002-US	
20. <input checked="" type="checkbox"/> Other items or information: Forms PCT/ISA/206 and 210, Form PCT/ISA/210 in English, Form PCT/IPEA/409, Form PCT/IB/306, Statement To Support Filing And Submission In Accordance With 37 CFR §§1.821 Through 1.825, Postcard, Certificate of Express Mail					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500				\$ 400.00	
TOTAL OF 21, 22 and 23 =				\$ 900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
145 - 100 =	45 /50 =	1	x \$250.00	\$ 250.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	26 - 20 =	6	x 50.00	300.00	
Independent claims	5 - 3 =	2	x 200.00	400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,850.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3.					
SUBTOTAL =				\$ 1,850.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 1,850.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1,850.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/552013

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
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A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
Account No. 03-2775 . A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information
should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be
filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:


SIGNATURE

Zhun Lu
NAME

CUSTOMER NUMBER: 23416

53,242
REGISTRATION NUMBER

10/552013

JC12 Rec'd PCT/PTC 30 SEP 2005

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005		Complete if Known		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	Not Yet Assigned	
		Filing Date	Concurrently Herewith	
		First Named Inventor	Andreas Renz	
		Examiner Name	Not Yet Assigned	
		Art Unit	N/A	
TOTAL AMOUNT OF PAYMENT	(\$)	2,000.00	Attorney Docket No.	13478-00002-US

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>03-2775</u> Deposit Account Name: <u>Connolly Bove Lodge & Hutz LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION																					
1. BASIC FILING, SEARCH, AND EXAMINATION FEES																					
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)														
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)															
Utility	300	150	500	250	200	100	900.00														
Design	200	100	100	50	130	65															
Plant	200	100	300	150	160	80															
Reissue	300	150	500	250	600	300															
Provisional	200	100	0	0	0	0															
2. EXCESS CLAIM FEES																					
							Small Entity Fee (\$)														
Fee Description							Fee (\$)														
Each claim over 20 (including Reissues)							50														
Each independent claim over 3 (including Reissues)							200														
Multiple dependent claims							360														
<table border="0"> <tr> <td><u>Total Claims</u></td> <td><u>Extra Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> <td><u>Multiple Dependent Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> </tr> <tr> <td>29</td> <td>- 20 = 9</td> <td>x 50.00</td> <td>= 450.00</td> <td></td> <td></td> <td></td> </tr> </table>							<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	29	- 20 = 9	x 50.00	= 450.00				
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>															
29	- 20 = 9	x 50.00	= 450.00																		
<table border="0"> <tr> <td><u>Indep. Claims</u></td> <td><u>Extra Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>- 3 = 2</td> <td>x 200.00</td> <td>= 400.00</td> <td></td> <td></td> <td></td> </tr> </table>							<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>				5	- 3 = 2	x 200.00	= 400.00				
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5	- 3 = 2	x 200.00	= 400.00																		
3. APPLICATION SIZE FEE																					
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).																					
<table border="0"> <tr> <td><u>Total Sheets</u></td> <td><u>Extra Sheets</u></td> <td><u>Number of each additional 50 or fraction thereof</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> </tr> <tr> <td>145</td> <td>- 100 = 45</td> <td>/50 1 (round up to a whole number) x</td> <td>250.00</td> <td>= 250.00</td> </tr> </table>								<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	145	- 100 = 45	/50 1 (round up to a whole number) x	250.00	= 250.00				
<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>																	
145	- 100 = 45	/50 1 (round up to a whole number) x	250.00	= 250.00																	
4. OTHER FEE(S)																					
Non-English Specification, \$130 fee (no small entity discount)																					
Other (e.g., late filing surcharge):																					
1631 Basic National Stage fee							300.00														
1633 National Stage Examination Fee - all other ...							200.00														
1642 National Stage Search Fee - search report ...							400.00														
1681 National Stage application size fee - for each ...							250.00														
1615 National Stage claims - extra total (over twenty)							450.00														
1614 National Stage claims - extra independent (over ...							400.00														

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	53,242
Name (Print/Type)	Zhun Lu	Telephone	(302) 888-6207
		Date	9/30/05

JC12 Rec'd PCT/PTC 30 SEP 2005

Application No. (if known): Not Yet Assigned

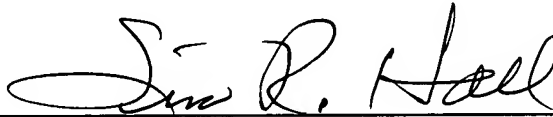
Attorney Docket No.: 13478-00002-US

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Tina R. Hall

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Telephone Number

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Transmittal Letter to the United States Designated-Elected Office
Fee Transmittal
Application Data Sheet
Copy of the International application
Forms PCT/ISA/206 and 210 and Form PCT/ISA/210 in English
Form PCT/IPEA/409 and Form PCT/IB/306
English language translation of the International application
Executed Combined Declaration and Power of Attorney
Information Disclosure Statement, SB08, with references
Preliminary Amendment
Statement To Support Filing And Submission In Accordance With 37 CFR
§§1.821 Through 1.825
Computer readable Sequence Listing (Disk/Paper copy)
Postcard
Charge \$1,850.00 to deposit account 03-2775